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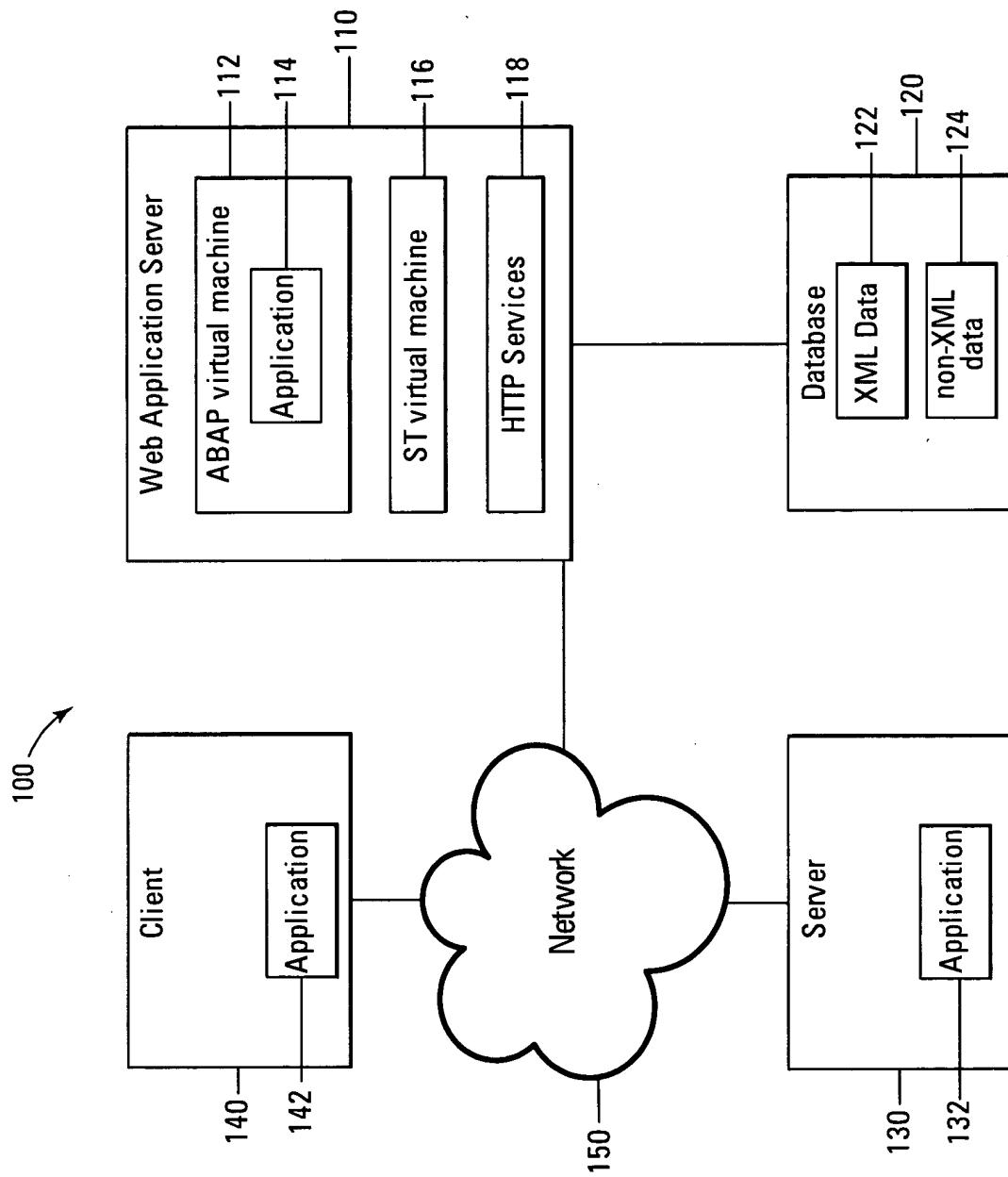
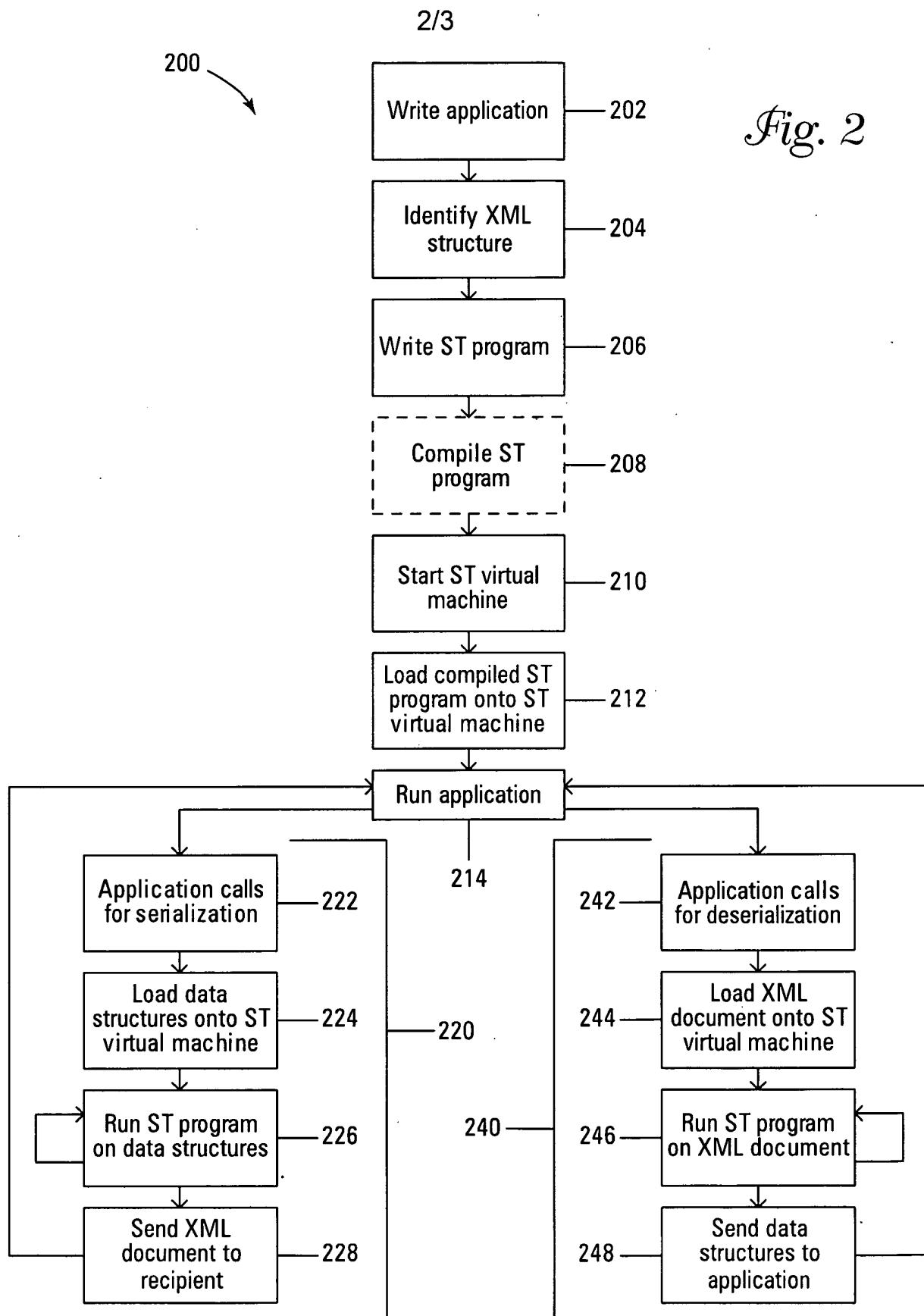


Fig. 1



```

<tt:transform version="0.1"
  xmlns:tt="http://www.sap.com/transformation-templates"
  xmlns:pl="UI">
  <!-- value with special mappings -->
  302   <tt:value ref="R2.C2"
  302     map="s ('~','+', '-'), d('!*','~') "/>
  302
  302   <!-- copy of sub-tree -->
  302     <tt:copy ref="R2.C3"/>
  302
  302   <!-- loop over table -->
  302     <tt:loop ref="R2.C4"><x5 tt:value-ref="IC1"/></tt:loop>
  302
  302   <!-- skip elements -->
  302     <tt:skip name="p1:x6" count="*"/>
  302
  302   <!-- call -->
  302     <tt:call transformation="ST1">
  302       <tt:with-root name="RR1" ref="R2.C5"/>
  302     </tt:call>
  302
  302   <!-- basic conditional with assertion -->
  302     <tt:cond data="equal('R2.C7', '42')">
  302       <x7 tt:value-ref="R2.C8"/>
  302     </tt:cond>
  302
  302   <!-- switch -->
  302     <x8 tt:ref="RL">
  302       <tt:switch>
  302         <tt:cond data="initial(C5)">
  302           <tt:attribute name="nil">true</tt:attribute>
  302         </tt:cond>
  302       <tt:cond data="check(less(C5, 100))">99</tt:cond>
  302       <tt:cond data="check(less-equal(C5, 200) and
  302         (not(type-I(C4)) or greater-ref(C5, C4)))">
  302         <tt:value ref="C5"/>
  302       </tt:cond>
  302       <tt:cond data="equal(C5, 100)">
  302         <tt:empty/>
  302       </tt:cond>
  302     </tt:switch>
  302
  302   </x8>
  302
  302   <!-- element with ref-node value -->
  302     <x2 tt:value-ref="R1.C2"/>
  302
  302   <!-- element with literal value and lax matching -->
  302     <x3 tt:lx="y"><tt:text> text</tt:text></x3>
  302
  302   <!-- element in namespace -->
  302     <x4 xmlns:p2="U2" tt:ref="R2.C1"/>
  302
  302   <!-- attribute with ref-node value -->
  302     <tt:attribute name="a41" value-ref=".R1.C3"/>
  302
  302   <!-- attribute with complex content -->
  302     <tt:attribute name="p2:a42" ref=".R1.C4"/>
  302       <tt:text>text42</tt:text>
  302       <tt:value/>
  302     </tt:attribute>
  302
  302   <!-- empty element -->
  302     <x4/>
  302
  302   <!-- value with follow-text -->
  302     <tt:value/>
  302
  302   </x0>
  302
  302   </tt:template>
  302
  302   </tt:transformation>

```

Fig. 3